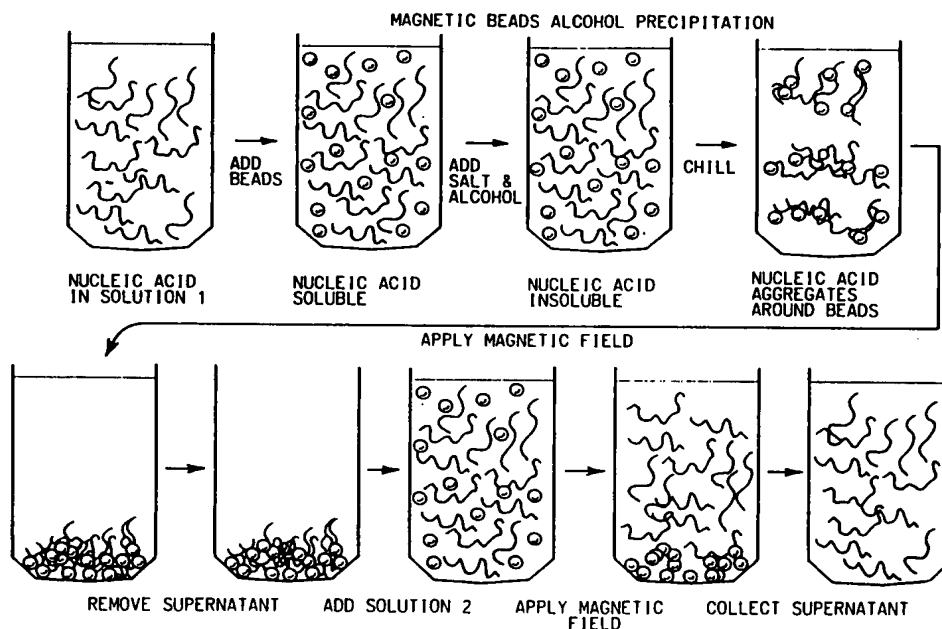




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>5</sup> :</b> <b>B03C 1/00, C07K 3/24, 3/28</b> <b>C12N 1/02, 7/02, 5/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 91/12079</b> <b>(43) International Publication Date:</b> 22 August 1991 (22.08.91)
<b>(21) International Application Number:</b> PCT/GB91/00212 <b>(22) International Filing Date:</b> 13 February 1991 (13.02.91) <b>(30) Priority data:</b> 9003253.3                      13 February 1990 (13.02.90)    GB <b>(71) Applicant (for all designated States except US):</b> AMER- SHAM INTERNATIONAL PLC [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB). <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only) :</b> REEVE, Michael, Alan [GB/GB]; 149 Grays Road, Henley-on-Thames RG9 1TE (GB). <b>(74) Agent:</b> PENNANT, Pyers; Stevens, Hewlett & Perkins, 2 Serjeants' Inn, Fleet Street, London EC4Y 1LL (GB).		<b>(81) Designated States:</b> AT (European patent), BE (European patent), CA, CH (European patent), DE (European pat- ent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), GR (Euro- pean patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent), US.  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i>

**(54) Title:** METHOD TO ISOLATE MACROMOLECULES USING MAGNETICALLY ATTRACTABLE BEADS WHICH DO NOT SPECIFICALLY BIND THE MACROMOLECULES

**(57) Abstract**

A method of recovering a biopolymer from solution involves the use of magnetically attractable beads which do not specifically bind the polymer. The beads are suspended in the solution. Then the polymer is precipitated out of solution and becomes non-specifically associated with the beads. When the beads are magnetically drawn down, the polymer is drawn down with them. The polymer can subsequently be resolubilised and separated from the beads.